

VYATKIN, Mikhail Porfir'yevich; BUKOVETSKIY, A.N., prof., retsenzent;
DZHAMGERCHINOV, B.D., akademik, otv. red.; KOVAL'CHUK, V.V.,
red. izd-va; ANOKHINA, M.G., tekhn. red.

[Monopoly capital in Central Asia] Monopolisticheskii kapital
v Srednei Azii. Frunzne, Izd-vo Akad. nauk Kirgizskoi SSR,
1962, 160 p. (MIRA 15:9)

1. Akademiya nauk Kirgizskoy SSR (for Dzhamgerchinov).
(Turkestan--Trusts, Industrial)

ACC NR: AR6028906

SOURCE CODE: UR/0299/66/000/007/B087/B087

AUTHOR: Dzhamgyrchiyeva, T.

TITLE: The action of streptovetin on Clostridium perfringens types
B, C, and D

SOURCE: Ref. zh. Biologiya, Part I. Abs. 7B599

REF SOURCE: Sb. Infekts. bolezni zhivotnykh i vopr. prirodno-
ochagovosti. Frunze, Ilim, 1965, 1965, 107-109

TOPIC TAGS: streptovetin, Clostridium perfringens, antibiotic effect,
medicinal prophylactic action, anaerobic infection, ANTIBIOTIC,
INFECTIVE DISEASE

ABSTRACT:

Streptovetin has restrained the growth of *Clostridium perfringens* types B, C, and D, and has shown medicinal-prophylactic action in presence of anaerobic infections in lambs. [WA-50; CBE No. 11]

SUB CODE: 06/ SUBM DATE: none/

Card 1/1

UDC: 615.779.90

YUGOSLAVIA/Chemical Technology. Chemical Products and Their Applications. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21344

Author : Rikovski, Ilija; Dzhamich, Milomir
Inst : University of Belgrade.

Title : The Method for Determining the Content of Dry Matter in Vegetable Agricultural Products. I.

Orig Pub : Zb. radova Poljoprivrednog fak. Un-t Beogradu, 1956, 4, No 2, 71-92

Abstract : A method was verified for determining the content of dry matter in vegetable products: vegetable leaves, roots, potatoes, apples. A batch of the substance tested (1.2-1.8 g) was mixed with substances which facilitate

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11-787

YUGOSLAVIA/Chemical Technology. Chemical Products H
and Their Applications. Food Industry.

Abs Jour : Ref Zhur-Khimiya, No 6, 1959, 21344

drying [ethanol, methanol, acetone, pyridine, anhydrous Na-sulfate (I)] and dried in an hourglass at 20° in a vaccum-exsic-cator over H_2SO_4 . It was shown that for vegetable leaves (lettuce and spinach), good results are obtained with ethanol, methanol, acetone, I, and pyridine; duration of drying was 24 hours, accuracy of determination plus or minus 0.1 percent. For roots (carrots) good results were obtained with ethanol, methanol, acetone, and I. Duration of drying was 24 hours, accuracy of determination, 0.04-0.12 percent. For potatoes, good results are obtained with ethanol and I, a duration of

Card : 2/3

YUGOSLAVIA/Chemical Technology. Chemical Products and Their Applications. Food Industry.

Abs Jour Rof Zhur-Khimiya, No 6, 1959, 21344

drying of 40 hours, and accuracy of determination from 0.14 to 0.12 percent. For apples, good results are obtained with I, a duration of drying of 36-40 hours, and accuracy of determination 0.02-0.2 percent.
-- From the author's summary.

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4-125

SATPAYEVA, T.A.; MURALIN, N.N.; SHVEDKO, V.K.; FURSOVA, M.Z.
DZHAMINOV, K.D.

Characteristics of the distribution of ore material in
some rocks of the Dzhezkazgan series. Vest. AN Kazakh.
SSR 17 no.9:70-83 S '61. (MIRA 16:8)

DZHAMINOV, K.D.

Clastic dikes in the rocks of the Dzhezkazgan deposit. Izv.AN
Kazakh.SSR. Ser.geol.nauk no.1:54-63 '63. (MIRA 16:8)

1. Institut geologicheskikh nauk AN KazSSR, Alma-Ata.
(Dzhezkazgan District—Dikes (Geology))

DZHANPOIADOVA, V.P.

Immunity to tularemia in man; author's abstract. Zhur. mikrobiol. epid.
i immun. 29 no. 12:106-107 D '58. (MIRA 12:1)

1. Iz kafedry mikrobiologii Rostovskogo-na-Donu meditsinskogo instituta.
(TULAREMIA) (IMMUNITY)

DZHAMRULIDZE, Ya. E.

USSR/Diseases of Farm Animals. Diseases Caused by R-1
Viruses and Rickettsiae

Abs Jour : Ref Zhur-Biol., No 1, 1958, 2751

Author : Kachakhidze A. V., Dzhamrulidze Ya E., Chelidze
G. T., Samadashvili D. N.

Inst : Georgian Scientific Research Veterinary Institute
Title : Dry Anti-Rabies Vaccine for Veterinary Practice

Orig Pub : Tr. Gruz. n-i vet. in-ta, 1955, 11, 267-269

Abstract : No abstract

Card 1/1

DZHAMRULIDZE, Ya. E.

USSR/Diseases in Farm Animals Diseases Caused by Viruses
and Rickettsiae.

R

Abs Jour: Ref Zhur-Biol., No 5, 1958, 21613.

Author : Dzhamrulidze

Inst : Georgian Scientific Research Institute of Animal
Husbandry and Veterinary Sciences.

Title : Results of Study and Practical Application of Virus
Vaccine in Asiatic Fowl Plague in Georgian SSR.

Orig Pub: Byul. nauchno-tekhn. inform. Gruz. n.-i. in-ta
zhivotnovodstva i vet., 1957, No 1, 34-36.

Abstract: No abstract.

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USSR/Medicine - Physiology DZHANUSOVA, T. A.

FD 247

Card 1/1

Author : Dzhamusova, T. A. and Ponomarenko, V. V.
Title : Relationship between excitability and rhythmic activity during parabiosis of striated musculature
Periodical : Fiziol.zhur. 2, 198-207, Mar/Apr 1954
Abstract : The effect of sodium citrate, Na_2SO_4 , HCl, KCl, NaCl, galactose, and glycerine in various concentrations on the electrical excitability and rhythmic activity of the gastrocnemius muscle of frog was investigated. There is a parallelism in the increase of excitability and the appearance of rhythmic activity in solutions of sodium citrate, Na_2SO_4 , HCl, KCl, and NaCl. Galactose does not change the excitability and does not produce rhythmic activity; glycerine, however, increases the excitability in concentrations from 5 to 10% without producing rhythmic activity. The most prolonged period of rhythmic activity occurs in concentration of 0.15 to 0.2% KCl, 1-2% Na_2SO_4 , and 0.007 to 0.008-N HCl. Two graphs, three charts, and three tables. Nineteen references, 13 Soviet.
Institution : Laboratory of Histophysiology, Physiological Institute imeni A. A. Ukhtomskiy, Leningrad State University; and Laboratory of General and Cellular Physiology, Zoological Institute, Academy of Sciences USSR.
Submitted : February 23, 1953

DZHAMUSOVA, T. A.

(2)

Peculiarities of paralysis of the somatic muscle of frog
caused by the action of iodoacetato. B. P. Ushakov and
T. A. Dzhamusova. Doklady Akad. Nauk S.S.R. 94,
out. 1937. Moniodioacetate ion in the concn. range of
0.00004 to 0.63% alters the speed of contractual response
of frog somatic muscle according to the previously estab-
lished law of behavior of narcotic agents, i.e., the rate of
development of narcosis depends on concn. of the poison
according to a parabolic function. Thus narcosis and con-
tracture are simply different aspects of the same paralytic
process. The lowest concn. of iodoacetate does not cause
specific contractions but slightly raises the amplitude of
contractions which occur in the absence of iodoacetate;
this effect reaches max. at 0.00064% concn. Higher concn.
of the drug probably act as coagulants on the muscle matter.
G. M. Kozolapoff

Zoologicheskiy institut Akademii nauk SSR.

DZHANUSOVA, T.A.

Studies on local persistent irritation of the muscle following prolonged exposure to the effect of sodium chloride [with summary in English]. Fiziol zhur. 44 no.7:664-673 J1 '58 (MIRA 11:?)

1. Laboratoriya srovnitel'noy tsitologii Instituta tsitologii AN SSSR, Leningrad.

(MUSCLES, effect of drugs on,
sodium chloride, local stable irritation caused by
prolonged exposure (Rus))

(SODIUM CHLORIDE, effects

musc, stable irritation caused by prolonged exposure
(Rus))

DZHAMUSOVA, T.A.; PONOMARENKO, V.V.

Contraction waves of the retractor in Priapulus caudatus. Vest.LGU
14 no.15:127-133 '59. (MIRA 14:4)
(Geophyrea) (Muscle)

DZHAMUSOVA, T.A.

Heat resistance of the muscular tissue of sea mollusks. TSitologija
2 no.3:274-286 Ky-Je '60. (MIRA 13:7)

1. Laboratoriya srovnitel'noy tsitologii Instituta tsitologii
AN SSSR. (HEAT--PHYSIOLOGICAL EFFECT) (MUSCLE) (MOLLUSK)

DZHAMUSOVA, T.A.; SHAPIRO, Ye.A.

Heat resistance of muscle tissues in different fresh-water mollusks species and populations. Zhur. ob. biol. 21 no.6:447-454 N-D '60.
(MIRA 14:1)

1. Laboratoriya srovnitel'noy tsitologii i fiziologii kletki Instituta
tsitologii AN SSSR, Leningrad.
(MOLLUSKS) (HEAT-PHYSIOLOGICAL EFFECT)
(MUSCLE)

DZHAMISOVA, T.A.

Functional changes in the muscular tissue in Neptunea eulimata
Dall (Mollusca) following prolonged thermal treatment. Dokl. AN
SSSR 145 no.1:189-191 Jl '62. (MIRA 15:7)

1. Institut tsitologii AN SSSR. Predstavлено академиком V.N.
Chernigovskim.
(MOLLUSKS) (TEMPERATURE--PHYSIOLOGICAL EFFECT) (MUSCLE)

DZHAMUSOVA, T. A.

"Heat resistance of muscle tissue of molluscs as a cytophysiological species characteristic."

UNESCO - International Symposium on the Role of Cell Reactions in Adaptations of Metazoa to Environmental Temperature.

Leningrad, USSR, 31 May - 5 June 1963

DZHAMISOVA, T. A.

Dissertation defended at the Zoological Institute for the academic degree of Candidate of Biological Sciences: 1962.

"Heat-Resistance of Mollusk Muscle Tissue as a Cytophysiological Character of the Species."

Vestnik Akad Nauk No. 4, 1963, pp. 119-145

DZHAMUSOVA, T.A.

Heat resistance of the cells of mollusks as related to the
problem of species. Sbor. rab. Inst. tsit. no.6:108-133'63.

(MOLLUSKS) (HEAT--PHYSIOLOGICAL EFFECT) (CELLS) (MIA 16:8)

VINOGRADOVA, A.N.; DZHAMUSOVA, T.A.

Study of substantial and functional changes in the retractor
of a Phascolosoma under prolonged thermal influence. TSitologija
5 no.3:279-286 My.-e '63. (MIRA 17:5)

1. Laboratoriya srovnitel'noy tsitologii Instituta tsitologii
AN SSSR, Leningrad.

DZHAMUSOVA, T.A.

Heat contracture and irreversible loss of the muscle excitability as related to the thermostability of a muscular tissue. Sbor.rab. Inst. tsit. no.8:61-69 '65.

(MIRA 18:12)

1. Laboratoriya sravnitel'noy tsitologii Instituta tsitologii AN SSSR, Leningrad.

BENIKOVSKIY, V.G.; GAFAROVA, N.A.; DZHANAKHMETOVA, Zh.K.; FAKHRUTDINOVA, D.I.;
FILATOVA, M.A.

Obtaining surface-active agents from petroleum products. Trudy Inst.
nefti AN Kazakh.SSR 4:179-186 '61. (MIRA 16:4)
(Petroleum products) (Surface-active agents)

GAFAROVA, N.A.; DZHANAKHMETOVA, Zh.K.; NOGERBEKOV, B.Yu.;
BEN'KOVSKIY, V.G.

Surface-active substances from the petroleum products of the
Gur'ev Petroleum Refinery. Khim. i tekhn. topl. i masel 8 no.6:
30-33 Je '63. (MIRA 16:6)

1. Institut khimii nefti AN KazSSR.
(Gur'ev(Gur'ev Province)--Petroleum refineries)
(Surface-active agents)

LITKENS, I.N. (Moskva); GAMALIN, S.I. (Moskva); DZHANARDAN, N. (Moskva)

Analysis of the static stability of complex electrical systems
using medium electronic digital computers. Izv. AN SSSR Energ.
i transp. 6:701-712 N-D '64. (MIRA 18:3)

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77867.

Author : Dzhannashvili, A.

Inst :

Title : On Periods of Espalier Pruning of Tea Plantations.

Orig Pub: Azerb. sosyalist kend teserrufaty, 1957, No 2,
25-31.

Abstract: The practice of tea growing in Georgia and
Azerbaijan showed that the vegetation and
readiness of leaves for collection proceeds un-
equally in the course of a season, which depends
on the irregularity of rainfall. Depending on the
rainfall in the Lenkoran-Astarinsk zone of the
production in May, more than 50% of the annual leaf

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USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants.

M

* Abs Jour: Ref Zhur-Biol., No 17, 1958, 77607.

collection is taken in, but in July and August only about 4-5%. Irregular gathering of the green leaf causes overwork of the kolkhozes, sovkhozes and factories in May, creates peaks in the reprocessing of the tea leaf which causes a decrease of quality of the annual production of tea. Periods of pruning the espaliers of the tea bush were studied by the Azerbaydzhani Institute of Horticulture and Subtropical crops: 15 March, 1 April, 5 June, 5 July and 5 August, as well as pruning through one year to 15 March. The remainder of the leaf collection plantations without pruning for one year, conducted in the Lenkoran branch of the institute and in production conditions, showed that this

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USSR/Cultivation Plants. Fruit Trees. Small Fruit Plants.

M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77837.

method increases the harvest by 20-30%. The collection of leaves begins 7-8 days earlier, more than 60% of the whole May harvest takes place in these days, which levels out the irregularity of taking in the raw tea and assures a higher quality of tea processed. It is recommended to establish rotation pruning of the tea plantations for a year (15 March), which provides a significant saving of labor during collection and assures a higher return per person. --
M. R. Zlotin.

Card : 3/3

DZHANASHIYA, A. A., Doc Agr Sci, "SYSTEM OF PRUNING THE
tea pruning
TREE PLANT UNDER SUBTROPICAL CONDITIONS OF AZERBAJDZHAN."

MOSCOW, 1961. (MOSCOW ORDER OF LENIN AGR ACAD IM K. A.
TIMIRYAZEV). (KL, 3-61, 223).

306

DZHANASHIYA, A.A.; MAMEDOV, M.A.

Growth of tea sprouts as dependent on the age of the shrubs
and the cultivation practices used. Dokl. AN Azerb. SSR
18 no.5:37-40 '62. (MIRA 15:7)

1. Institut sadovodstva, vinogradarstva i subtropicheskikh
kul'tur AN AzSSR. Predstavлено академиком AN AzSSR I.D. Mustafayevym.
(Azerbaijan—Tea)

DZHANASHIYA, Akakiy Alekseyevich

[Problems of the biology and cultivation techniques of tea plants in semihumid subtropics] Voprosy biologii i agro-tehniki chaynogo rasteniia v usloviakh poluvlazhnykh sub-tropikov. Tbilisi, Izd-vo "TSodna," 1964. 163 p.

(MIRA 17:11)

DZHANASHIYA, A.Ye.

From the work practices of a quarantine inspector. Zashch. rast.
ot vred. i bol. 8 no.5:47-48 My '63. (MIRA 16:9)

1. Inspektor Gudautskogo punkta.
(Gudauty region--Plant quarantine)

DZHANASHIYA, G.A.

Superposition of two functions from the class of Jevrai's
functions. Soob. AN Gruz. SSR 33 no. 2:257-262 F '64. (MIRA 17:9).

1. Tbilisskiy matematicheskiy institut imeni A.M.Razmadze AN
GruzSSR. Predstavлено akademikom N.P.Vekuz.

DZHANASHIYA, G.A.

Convolution equations for a semiaxis with a bounded right-hand part. Soob. AN Gruz. SSR 36 no.1:11-18 O '64.

(MIRA 18:3)

1. Tbilisskiy matematicheskiy institut imeni Razmadze AN GruzSSR.
Submitted July 4, 1964.

BANTSURI, R. D.; DZHANASHIYA, G. A.

Convolution type equations for a semiaxis. Dokl. AN SSSR 155
no. 2:251-253 Mr '64. (MIRA 17:5)

1. Matematicheskiy institut im. A. M. Razmadze AN GruzSSSR.
Predstavлено академиком N. I. Muskhelishvili.

DZHANASHIA, G.I., inzh.; CHERNOV, N.V., prof.

Determining the qualitative characteristics of chrome tanned leather and semi-finished products by the volumetric yield.
Kozh.-obuv.prom. no.12:13-15 D '59. (MIRA 13:5)
(Leather)

DZHANASHIYA, G.I., inzh.; CHERNOV, N.V., doktor tekhn.nauk, prof.

Quality characteristics of chrome pigskin and its semifinished products evaluated by the volumetric output. Izv.vys.ucheb.zav.; tekhn.leg.prom. no.3:89-95 '60. (MIRA 13:8)

1. Moskovskiy tekhnologicheskiy institut legkoy promyshlennosti.
Rekomendovana kafedroy tekhnologii kozhi i mekha.
(Hides and skins)

DZHANASHIA, I.K.

Change the numbering order of signal lights. Avtom., telem. i sviaz'
4 no.10:35 0 '60.
(MIRA 13:10)

1. Starshiy elektromekhanik Tbilisskoy distantsii signalizatsii i
svyazi Zakavkazskoy dorogi.
(Railroads—Signaling)

DZHANASHIYA N.M., provizor

Some problems in providing and utilizing mechanical devices for pharmacies. Apt.delo 7 no:6:32-34 N-D '58 (MIRA 11:12)

1. Upravlyayushchiy aptekoy No.2 v Sukumi. Iz Abkhazskogo
otdeleniya glavnogo aptechnogo upravleniya ministerstva zdravookhra-
neniya GruzSSR.

(DRUGSTORES—EQUIPMENT AND SUPPLIES)

ANTONYUK, B.N.; DENESYUK, I.P.; KUROV, Yu.P.; VAYNCHTEYN, I.I.; BERDNIKOV, V.A.; VEYTSMAN, M.B.; IVANOV, A.A.; IVANOV, A.S.; GIVEVSKIY, B.C.; KOZEL'TSEV, I.K.; KOZEL'TSEV, L.I.; KIVALIN, S.G.; MIROSHIN, A.I.; MEL'KOV, G.Ye.; ZUBKOVSKIY, B.P.; IZYUMOV, B.N.; EDEL'SHTEYN, V.I.; KOCHETKOV, V.P.; BUBLIKOV, A.V.; IZHANASHIYA, V.A.

Patents. Bum. i der. prem. no. 1853-54 Ja-Mr '65.

(MIRA 18:10)

DZHANASHVILI, A.G.

1016. Задний зеркальный отражатель. 1944; Пр. Тех. Запасов, т. 1, к. 1, № 15.

1017. Задний зеркальный отражатель. 1938; Пр. Тех. Запасов, т. 1, к. 15.

1018. Накладка на крыло. 1938; Пр. Тех. Запасов, т. 1, к. 15.

1019. Накладка на крыло. 1938; Пр. Тех. Запасов, т. 1, к. 15.

1020. Накладка на крыло. 1938; Пр. Тех. Запасов, т. 1, к. 15.

1021. Барах Герман Павлович. Фото род. Груши (в 1941 г. на сдач. науки). 1942, 6 л.

1022. Борис Алексеевич Валентинович. Обзор изданых прац по изучению структуры гидроизолирующих материалов. Труды Академии наук ССР по гидравлике и машиностроению. № 1, 2, 1—100, [5] л.

1023. Борис Ильинский Кузнецов Юрий Григорьевич. Изучение коррозии бетонных конструкций с целью повышения их долговечности. Труды Академии наук ССР по гидравлике и машиностроению. № 103, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 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Def. at
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DZHANASHVILI, A.G.

Bioecological study of the jackal *Thos aureus aureus* Linne
in Georgia. Soob.AN Gruz.SSR 8 no.7:465-470 '47.(MIRA 9:7)

I.Akademija nauk Gruzinskoy SSR, Zoologicheskiy institut,
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(Georgia--Jackals)

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in Zakataly District. Soob. AN Gruz. SSR 33 no. 38667-669
Mr '64 (MIRA 1748)

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1. Institut neorganicheskoy khimii i elektrokhimii AN GruzSSR.
Submitted February 22, 1965.

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I. Matematicheskiy institut imeni A.M.Razmadze AN Gruzinskoy SSR.
Predstavлено академиком A.N.Kolmogorovym.
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1977-1978

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Classification types of the sea

• THE HEMISPHERE •

Estimated average age at entry
to prison

2. $\frac{1}{2}x^2 - \frac{1}{2}y^2 = 1$ (hyperbola)

1. *Chlorophytum comosum* L.

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C111/C222

AUTHOR: Dzhanashiy, G.I.

TITLE: On the uniqueness of the solution of the Cauchy problem
for an equation of the type of S.L. Sobolev

PERIODICAL: Referativnyy zhurnal. Matematika, no. 10, 1961, 33.
abstract 10 B 152. ("Tr. Vses. soveshchaniya po
differentsial'n. uravneniyam, 1958", Yerevan, AN Arm SSR,
1960, 85-87)

TEXT: For the Cauchy problem

$$\sum_{k=1}^m p_{jk} \left(i \frac{\partial}{\partial x_1}, \dots, i \frac{\partial}{\partial x_n} \right) \frac{\partial u_k(x_1, \dots, x_n, t)}{\partial t} = \\ = \sum_{k=1}^m q_{jk} \left(i \frac{\partial}{\partial x_1}, \dots, i \frac{\partial}{\partial x_n} \right) u_k(x_1, \dots, x_n, t), \quad (1)$$

$$u_j(x_1, \dots, x_n, 0) = v_j(x_1, \dots, x_n), \quad j = 1, 2, \dots, m \quad (2)$$

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On the uniqueness of the solution ...

the author formulates the uniqueness theorems :

Theorem 1 : If the polynomials $\text{Det} \| P_{jk}(s_1, \dots, s_n) \|$ and $\text{Det} \| Q_{jk}(s_1, \dots, s_n) \|$ have no common real roots, if $\text{Det} \| P_{jk}(s_1, \dots, s_n) \| \neq 0$ holds only in a finite number of points and if the solution $\{ U_j(x_1, \dots, x_n, t) \}$ of the Cauchy problem (1)-(2) for vanishing initial conditions in infinity satisfies the condition

$$|U_j(x_1, \dots, x_n, t)| \leq c(|x_1| + \dots + |x_n|)^r \quad (j = 1, 2, \dots, m)$$

then this solution is identically equal to zero, i.e. the solution is unique.

But if the solution in infinity satisfies the estimation

$$|U_j(x, t)| \leq C_\epsilon e^{\epsilon|x|^B},$$

$0 < B < 1$, $\epsilon > 0$, then the solution may only have the form

Card 2/3

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On the uniqueness of the solution ...
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C111/C222

$$U_j(x, t) = \sum_{r=1}^p e^{-i \sum_r x_r} \sum a_{jrn}(t) x^n.$$

Theorem 2 : If the polynomial $\text{Det} \| P_{jk}(s_1, \dots, s_n) \|$ has no real roots and if the solution $U(x_1, \dots, x_n, t)$ of the problem (1)-(2) for vanishing initial conditions in infinity satisfies the condition

$$|U_j(x_1, \dots, x_n, t)| \leq c_1 e^{c_2(|x_1| + \dots + |x_n|)^{1-\epsilon}}, \quad j = 1, \dots, m$$

for every t and for $\epsilon > 0$ then this solution is identically equal to zero.

[Abstracter's note : Complete translation.]

Card 3/3

DZHANASHVILI, I. M., assistant

Measuring sound for determining the depth of penetration of the margin of the crown into the gingival pocket. Trudy KGMI no.2:
221-223 '60.
(MIRA 15:7)

1. Iz kafedry ortopedicheskoy stomatologii - zav. kafedroy
dotsent M. A. Solomonov.

(DENTAL INSTRUMENTS AND APPARATUS)

DZHANASHVILI, I. M., assistant

Apparatus for preparing occlusal cylinders, wax plates and
various wax pieces used in the technique of dental prosthesis.
Trudy KGMI no.2:224-228 '60. (MIRA 15:7)

1. Iz kafedry ortopedicheskoy stomatologii - zav. kafedroy
dotsent M. A. Solomonov.

(DENTAL INSTRUMENTS AND APPARATUS)

DZHANAYEV, G. G.

DZHANAYEV, G. G. --"Effect of Deep Soil Tilling, Meliorations, and Grade on the Maize Crop Yield." *(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Min of Higher Education USSR, North-Ossetian Agricultural Inst, Ordzhonikidze, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 55

* For Degree of Candidate in Agricultural Sciences

DZHANAYEV, M.M.

Effectiveness of surface magnetic prospecting in geological
mapping of closed areas in central Kazakhstan. Izv. AN Kazakh.
SSR. Ser. geol. nauk no.4:89-95 '63. (MIRA 16:9)

1. Tsentral'no-Kazakhstanskoye geologicheskoye upravleniye
Ministerstva geologii i okhrany nedr Kazakhskoy SSR, g.Ka-
raganda.

14(6)

SOV/112-59-1-335

"Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 1, p 45 (USSR)

AUTHOR: Dzhanayev, V. P.

TITLE: Fundamental Achievements and Objectives in Building Heating-Supply Systems

PERIODICAL: Tr. Nauchno-tekh. soveshchaniya po proyektir. i str-vu teplovykh setey. M.-L., Gosenergoizdat, 1956, pp 4-10

ABSTRACT: By 1954, the capacity of district-heating turbine units amounted to about 30% of the aggregate capacity of all steam electric stations of the Ministry of Electric Stations. Heat sales for 1954 from all heat-and-electricity stations were 115×10^9 kilocal, and the annual saving of reference fuel, thanks to the district-heating supply, was about 5,000,000 tons. District-heating systems are operating in 162 Soviet cities. However, construction of new heating systems is lagging behind installation of new heating capacities at the stations and behind new housing construction, mainly because of the lack of

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SOV/112-59-1-335

Fundamental Achievements and Objectives in Building Heating-Supply Systems

specialized constructing and erecting organizations for heating systems. Delivery to the customer of all the heat bled from the turbines at existing and under-construction stations would require an increase in the work of construction of heating systems 4-5 times. General layouts for heat supply in large cities and a general 10-year plan for constructing heating systems should be worked out. A considerable increase is needed in production of steel pipes, fittings, unitized structures, heat-insulating covers, automatic-control equipment, etc. Investigations are needed to select rational heat-supply schemes and to study the parallel operation of generating stations on the heat-output side. An evaluation of today's designs of heating pipelines is presented, and it is noted that methods are needed for protecting the pipes from external corrosion in order to prolong their service life. Manuals should be developed for designing heating networks, as well as specifications on construction and acceptance of such networks.

M. L. Z.

Card 2/2

DZHANAYEV, V. ^P inshenar.

Conference on the problem of improving heat insulation in electric power stations and heating systems. Elek.sta. 27 no.12:56-58 D '56.
(MLRA 10:1)

(Insulation (Heat))

NIKITINA, Ye.V.; AYDAROVA, R.A.; DZHANAYEVA, V.M.; UBUKEYEVA, A.U.;
ARBAYEVA, Z.S.; SUDNITSYNA, I.G.; SULTANOVA, R.M.; GOREUNOVA,
N.V.; TKACHENKO, V.I.; FILATOVA, N.S.; CHERNEVA, O.V.;
VVEDENSKIY, A.I., nauchn. red.; VYKHODTSEV, I.V., otv. red.

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Kirghiz S.S.R.] Flora Kirgizskoi SSR; opredelitel' rastenii
Kirgizskoi SSR. Frunze, Ilim. Vol.11. 1965. 606 p.
(MIRA 18:11)

GAN, P.A.; DZHANAYEVA, V.M.; KUNCHENKO, A.I.; LYSOVA, N.V.; NIKITINA,
Ye.V.; PROTOPOPOV, G.F.; PRUTENSKIY, D.I.; TLACHENKO, V.I.;
ANOKHINA, M.G., tekhn.red.

[Trees and shrubs of Kirghizistan] Derev'ia i kustarniki
Kirgizii. Frunze. No.1. [Gymnosperms] Golosemennye. 1959.
119 p. (MIRA 13:2)

1. Akademiya nauk Kirgizskoi SSR, Frunze. Institut botaniki.
Sektor lesa.
(Khirghizistan--Gymnosperms)

NIKITINA, Ye.V.; DZHANAYEVA, V.M., red.; ANOKHINA, M.G., tekhn.red.

[Poisonous, roxious, and inedible plants in pastures of the
Kirghiz S.S.R.] IAdovitye, vrednye i nepoedaemye rasteniia
pastbishch Kirgizskoi SSR. Frunze, Akad.nauk Kirgizskoi SSR,
1959. 55 p. (MIRA 13:7)
(Kirghizistan--Pastures and meadows) (Weeds)

NIKITINA, Ye.V.; DZHANAYEVA, V.M., otv.red.; SORONBAYEVA, N.V., red.
izd-vz; ANOKHINA, M.G., tekhn.red.

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Ala-Tau] Materialy po flore severnogo sklona khrebeta Kir-
gizskii Ala-Too. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR,
1960. 146 p. (MIRA 13:7)
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(Naukatskiy District--Juniper) (MIRA 13:12)

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probleme vosstanovleniya i razvitiia elovykh lesov Kirgizii.
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I. Akademiya nauk Kirgizskoy SSR, Frunze. Institut botaniki.
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DZHANAYEVA, Valentina Mikhaylovna; NIKITINSKIY, Yu.I., kand. biol. nauk, otv. red.; VOZHEYKO, I.V., red. izd-va; ANOKHINA, M.G., tekhn. red.

[Gathering juniper berries and growing juniper seedlings in irrigated nurseries of Kirghizistan; temporary recommendations] Sbor shishkoigod i vyrashchivanie seiantsev archi v polivnykh pitomnikakh Kirgizii; vremennye rekomendatsii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 20 p.

(MIRA 15:10)

(Kirghizistan—Juniper) (Nursery stock)

DZHANAYEVA, Valentina Mikhaylovna; TKACHENKO, V.I., otv. red.

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DZHANAZYAN, S.S.

Rheological properties of new forms of class A-IV rod equipment.
Izv. AN Arm. SSR. Ser. tekhn. 18 no.1:49-56 '65. (MIRA 18:7)

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DZHANAZYAN, S.S.

Thermal prestressing of new types of hot-rolled rod reinforcements.
Izv. AN Arm. SSR. Ser. tekhn. nauk 16 no.4:55-60 '63.
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DZHANIERIDZE, G.K.

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SSR 10:219-236'62. (MIRA 16:6)
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DZHANBERIDZE, N.; KINTSURASHVILI, S.; CHKHIKVISHVILI, Ir., red.;
KHOSHTARIYA, V., red. izd-va; KHUNDADZE, Z., tekhn. red.

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DZHANBERIDZE, Nodar; LORTKIPANIDZE, M., red.; MAMPORIA, T., tekhred.

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S.S.R.] Arkhitektura Doma Pravitel'stva Gruzinskoi SSR.
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(Tiflis—Architecture)

DZHANBUSINOV, Ye.A.; DAUTOVA, L.I.; PRESNYAKOV, A.A.

Ordering of copper-palladium alloys in the neighborhood of
the Cu₃Pd composition. Trudy Inst. met. i obog. AN Kazakh. SSR
7:24-29 '63. (MIRA 17:6)

19495-63 EWP(q)/EWT(m)/EWP(B)/BDS AFFTC/ASD JD
ACCESSION NR: AP3004592 S/0126/63/016/001/0061/0064 183

AUTHORS: Presnyakov, A. A.; Dautova, L. I.; Dzhanbusinov, Ye. A.

TITLE: Structural forms of solid Cu-Pd solution with the approximate composition Cu₃Pd

SOURCE: Fizika metallov i metallovedeniye, v. 16, no. 1, 1963, 61-64

TOPIC TAGS: Cu-Pd alloy, structure, Cu₃Pd

ABSTRACT: Cu alloys with 28.8 at.% of Pd have been studied in order to clarify the details of the ordering process. The cast alloy was subjected to x-ray analysis at temperatures up to 400°C. A higher heating was impossible because of the lack of proper equipment. The cast samples were rolled (80% deformation), hardened, and tempered at increasing temperatures (100 to 750°C). The lattice parameter increased linearly with the increase in temperature up to 350°C, after which it remained constant. This was explained by the phase transition and sustained by the appearance of a new line on the x-ray pattern at 375°C. The structure of the new phase (X) could not be detected because of lack of data. The

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ACCESSION NR: AP3004592

samples (after deformation and hardening at 750°C) were in a disordered state. The lattice parameters were correspondingly, 3.697₃ and 3.6856 kX. Tempering at the increased temperatures resulted in the following space lattices: 1) initial condition--cubic face centered lattice; 2) heating to 350°C--the same; 3) to 375°C--ordered cubic face centered (superlattice); 4) 475-650°C--tetragonal face centered lattice; 5) 675-700°C--the phase X (structure unknown); 6) 700°C and higher--disordered cubic face centered lattice. The authors conclude that the appearance of the superlattice marks the first stage in the solid solution ordering. The final stage leads to the formation of a new crystalline lattice. This is due to the appearance of additional binding forces between atoms in the alloy. The superlattice and the intermediate phases are metastable transition forms. Orig. art. has: 1 table and 3 figures.

ASSOCIATION: Institut metallurgii i obogashcheniya AN KazSSR (Metallurgical Institute, Academy of Sciences, Kazakh SSR)

SUBMITTED: 22May62

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NO REF SOV: 005

OTHER: 005

Card 2/2

L 10300-67 EXP(m)/EMP(t)/ETI IJP(c) JD
ACC NR: AT7003050

SOURCE CODE: UR/2817/66/015/000/0028/0031

AUTHOR: Dzhambusinov, Ye. A.; Aytkhozhin, E. S.; Presnyakov, A. A.

CITE: none

27

TITLE: Certain features of variation in electric resistance of copper-gold alloys approximating the CuAu composition

SOURCE: AN KazSSR. Institut metallurgii i obogashcheniya. Trudy, v. 15, 1966, 28-31

TOPIC CODES: copper alloy, gold alloy, electric resistance

ABSTRACT: Experimental data on ordering of a CuAu alloy is given. Electrical resistance was measured by the compensation method with the use of a potentiometric device housing a PFTN-1 potentiometer and an M21 galvanometer. Wires made of an alloy of copper and gold having a composition close to CuAu and a diameter of 1 mm underwent investigation. The specimen was annealed at temperatures of 100, 200, 300, 400, 500 and 600°, and electrical resistance determined as a function of the tempering temperature after quenching from 600°. After each heat treatment the electrical resistance was measured with an accuracy up to 0.05%.

The initial stage of ordering of the CuAu alloy associated with the conversion of one structural form (CuAu I) into another (CuAu II), promotes the appearance of two minima on the electrical resistance curve in the region of 275-300 and 300-350°. The emergence of a new structural form associated with the terminal stage of ordering leads to an anomalous variation in electrical resistance in the 450-500° region. The presence of transformations in the 400-500° region confirms literature data. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 11 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 008
Caro 1/2

DZHANDIERI, K.

KOMETIANI, P.A.; DZHANDIERI, K.

Accumulation of acids in the process of alcoholic fermentation. Soobshcheniya
Akad. Nauk Gruzin. S.S.R. 11, No.4, 223-8 '50.
(CA 47 no.21:11647 '53) (MLRA 5:12)

Dzhandieri K. M.

Specific stimulation of growth of organs of chick embryo by the action of tissue extracts. G. D. Tumanashvili, K. M. Dzhandieri, and I. K. Svandze. *Trudy Akad Nauk SSSR*, 166, 1107 (1960). This is a report about tissues of immature chicks were made out. The extracts and the exts. were introduced into the embryo at the 10-12 regular area. After 1-3 days the embryo was examined with the respective organs. The embryo was examined after 3 days. The results with liver graft were very good, even although weak with older specimens. A 10 day old ext obtained with 10-15 day specimen is also good. Heating the ext. to 60-60° or on keeping several hrs. at 10-15° in the cold 3-5 days. The effect is thus connected with thermolabile protein matter. I. M. Tumanashvili

USSR / General Biology. Individual Development.
Regeneration.

B-4

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81037.

Author : Tumanishvili, G. D., Dzhandieri, K. M., Svaniče,
I. K.

Inst : Not given.

Title : Stimulation of the Regeneration Process by the
Action of Tissue Extracts.

Orig Pub: Dokl. AN SSSR, 1956, 107, No 1, 182-184.

Abstract: In the wintertime through incisions made on the liver (L) of the frogs, Rana ridibunda. In subsequent subcutaneous injections (I) of the L extract of rabbits and hens, the damage, in the course of 10 days, was filled in with a newly formed liver tissue. With the I of the extract of a hen muscle, a plug was formed from a cellular detritus at the place of the wound. The introduction of the extract

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USSR / General Biology. Individual Development.
Regeneration.

B-4

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81037.

Abstract: of L of a frog did not stimulate the regeneration process. The stimulation of regeneration processes in L of guinea pigs and rabbits were obtained by subcutaneous introduction of the L extract of animals of the same species. The inactivated extract, at temperatures of 60-70°, did not influence the regeneration. The acceleration of regeneration of muscular tissue in frogs was obtained by the I of extracts of the hen muscles. An acceleration of less intensity occurred with the muscle extracts of the frog. The authors consider that the tissue extracts stimulate the size and differentiation of the homologous tissue and direct the development of the undifferentiated structures to the side of the donor's tissue.

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were founded. In 1935, the Republic had already 16 vuzes with 5,000 students; the number of technical schools had increased to 83 with 20,000 students. At the present time 13 pedagogical institutes, 3 medical, 2 zooveterinary, 3 vtuzes, a university, an agricultural and a physical culture institut - 25 higher schools in all - are in operation. The number of students, including correspondence students, is 57,600. During the vuz existence, 54,000 highly qualified specialists have graduated, including 18,000 of Kazakh nationality.

At the Kazakh State University, the Chair for Catalysis and Technical Chemistry is led by Professor D. V. Sokol'skiy. By applying the results of the Chair's work in the catalytic hydrogenation of fat on a copper-nickel catalyster, the Chimkent Oil and Fat Combine (Chimkentskiy maslozhirovoy kombinat) saved 600,000 rubles annually. The Chair of Analytic Chemistry, supervised by Professor M. T. Kozlovskiy, in cooperation with the Institute of Chemical Sciences (Institut khimicheskikh nauk) Academy of Sciences Kazakh SSR, has developed a new method for extracting rare metals from dust. Through this method, several kilograms of the valuable metal thallium have been obtained. At the Chimkent Lead Factory (Chimkentskiy

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The Development of Higher Education in Kazakhstan

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svintsovyy zavod) an industrial plant is being built for such reprocessing of dust.

About 2,000 students study at the 3 faculties of the Mining-Metallurgical Institute. The teaching personnel comprises 13 doctors and 72 candidates of sciences, among them active and associate members of the Kazakh Academy of Sciences: A.S. Popov, I.I. Bok, A.V. Brichkin and N.G. Sergiyev. In their scientific work the scientists are closely connected with the non-ferrous metallurgical and the coal industries of Kazakhstan. The personnel, led by Professor V.D. Ponomarov and Dotsent K.V. Sushkov, has submitted important suggestions on new technological schemes for extracting metals from ore. The institute's geologists - Professors Ye.D. Shlygin, N.G. Sergiyev, I.I. Bok, the Dotsents G.Ts. Medoyev, S.G. Ankinovich and Ye.A. Ankinovich have done great work in studying the geology of Kazakhstan.

Among the instructors of the Veterinary-Zootechnical Institute there are 16 doctors and 65 candidates of sciences including some great scientists, for instance the active member of VASKhNIL, Professor V.A. Bal'mont, active Members of the Kazakh Academy of Sciences, N.U. Bazanova, M.I. Goryayev D.A. Zykov, the Professors M.I. Ivanov, N.P. Orlov, T.F.

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Tavildarova, F.M. Mukhamedgaliyev, Ya. I. Kleinbok, I.A.
Karasev, A.K. Roslyakov and others.

The Kazakh Agricultural Institute (Kazakhskiy sel'sko-khozyaystvenny institut) had more than 2,700 students during 1956, and about 2,000 students in correspondence courses. This Institute and the Veterinary-Zootechnical Institute have trained more than 7,000 specialists so far.

In 1952, the Semipalatinsk Veterinary-Zootechnical Institute (Semipalatinskiy veterinarno-zootekhnicheskiy institut) was organized.

In 1931, the Medical Institute (Meditinskii institut) was opened at Alma-Ata. About 3,570 students study there at the present time. The anti-shock preparation developed by Professor A.P. Polosukhin, in charge of the Chair of Normal Physiology, is being used throughout the Soviet Union.

After the war, 2 new medical institutes were established at Karaganda and Semipalatinsk.

In 1944, the Kazakh Womens' Pedagogical Institute (Kazakhskiy zhenskiy pedagogicheskiy institut) was founded. All 700 students are supported by the government.

About 35 nationalities of the Soviet Union, including Chinese, study at Kazakh State University. Among the 2,800

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instructors, 600 are of Kazakh nationality, including the Professors M. Auyezov, S. Amanzholov, N. Bazanova, A. Bekturov, S. Kenesbayev, N. Sauranbayev, T. Darkanbayev.

The prospects for economic development in Kazakhstan during the 6th Five-Year Plan are immense. Kazakhstan produces at present more than half of the country's non-ferrous metals, but when such gigantic enterprises as the Karaganda Metallurgical Plant (Karagandinskiy metallurgicheskiy zavod), the Bukhtarma GES (Bukhtarminskaya GES), Sokolovka-Sarbay Mining-Concentrating Combine (Sokolovsko-Sarbayskiy gorno-obogatitel'nyy kombinat), the Pavlodar Agricultural Machine (Combine)- and Aluminum Plants begin operation, the importance of the Republic will grow.

The Kazakh SSR occupies second place within the USSR in production of grain, but it has only one agricultural institute.

As specialists are not being trained for all branches of the Republic's economy, it is planned to establish new schools—a Construction-Engineering Institute at Temir-Tau, an Agricultural Institute at Akmolinsk and the 4th Medical Institute at Aktyubinsk.

ASSOCIATION: TsK KP, Kazakhstan
AVAILABLE: Library of Congress
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